

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S16 9	20	S168 and S161	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 08:31
S16 8	317	S167 and ((property parameter characteristic) with frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 08:31
S16 7	1006	(am fm pm bpsk fsk msk qpsk oqpsk mpsk mfsk ask ook) and uwb	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 08:31
S15 4	1291	(am fm pm bpsk fsk msk qpsk oqpsk mpsk mfsk ask ook) with (different near frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 08:31
S16 6	0	S165 and S161 and uwb	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 08:30
S16 5	856	(am fm pm bpsk fsk msk qpsk oqpsk mpsk mfsk ask ook) with S163	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 08:30
S16 4	3018	(am fm pm bpsk fsk msk qpsk oqpsk mpsk mfsk ask ook) same S163	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 08:30
S16 3	80382	(repetition repeat\$4) with frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 08:29

## EAST Search History

S16 2	12	S160 and S161	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 08:29
S16 1	19376348	@ad<"20000621"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 08:28
S16 0	53	mac and S156	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 08:28
S15 9	3598	uwb	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 08:27
S15 8	7	uwb and S156	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 08:27
S15 7	0	uwba and S156	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 08:27
S15 6	686	(am fm pm bpsk fsk msk qpsk oqpsk mpsk mfsk ask ook) with ((characterisitic property parameter) with frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 08:27
S15 5	5	uwb and S154	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 08:25

## EAST Search History

S15 3	2	("6603818").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/26 08:24
S15 2	111	uwb and S151	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/26 08:13
S15 1	13628	repetition adj frequency	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 08:12
S14 9	12	uwb and mac	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/26 08:12
S15 0	1	uwb and mac and tdma	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 15:58
S14 8	16	tdma and uwb	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 15:58
S14 7	2	("6700939").PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 15:32
S14 6	11	S144 and S145	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 15:31
S14 5	8515	timing with modulation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 15:30
S14 4	46	mccorkle.in. and uwb	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 15:30

## EAST Search History

S14 3	170	S142 and antenna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 15:27
S14 2	3011	S138 and S141	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 15:17
S14 1	200628	clock with generat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 15:17
S14 0	11	S138 and S139	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 15:16
S13 9	2495	ultra near (wideband or (wide near2 band))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 15:12
S13 8	3832	(clock with delay\$4) same (frequency with divid\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 15:11
S13 2	1	S131 and rofheart	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 15:11
S13 7	151	"31986" and @pd>"04012002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 14:41

## EAST Search History

S13 6	151	"31986" and @pd>"12312001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 14:40
S13 5	151	"31986" and @pd> "12312001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 14:40
S13 4	151	"31986"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 14:39
S13 3	0	"31986" and mccorkle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 14:39
S13 1	34	"93434"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 14:38
S13 0	23	"0193434"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 14:38
S12 9	7	"20030054764"	US-PGPUB	OR	OFF	2005/06/10 14:37
S12 8	1	"20030054764"	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 14:36
S12 7	1	"20020131370"	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 14:36
S12 6	1	"20020018458"	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 14:36

## EAST Search History

S12 5	1	"20010055353"	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 14:35
S12 4	1	"0055353"	US-PGPUB	OR	OFF	2005/06/10 14:34
S12 3	0	2001/0055353	US-PGPUB	OR	OFF	2005/06/10 14:34
S12 2	0	2001/0055353 2002/0018458	US-PGPUB	OR	OFF	2005/06/10 14:34
S11 9	6	2001/0055353 2002/0018458	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 14:34
S12 1	0	2003/0054764	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 14:33
S12 0	0	2002/0131370	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 14:33
S11 8	1	2001/0055353	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 14:33
S11 7	0	(2001/0055353).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 14:33
S11 6	17	((("6621857") or ("6625229") or ("6628642") or ("6633558") or ("6668008") or ("6697382") or ("6707828") or ("6747959"))).PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 14:33
S11 5	38	((("6239741") or ("6246277") or ("6292153") or ("6347084") or ("6351468") or ("6351652") or ("6400308") or ("6424645") or ("6437832") or ("6463042") or ("6477171") or ("6480505") or ("6492904") or ("6497656") or ("6505032") or ("6510150") or ("6549567") or ("6574266") or ("6597683"))).PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 14:31

## EAST Search History

S11 4	38	((("5940435") or ("6002708") or ("6026125") or ("6041051") or ("6064697") or ("6067648") or ("6069887") or ("6097766") or ("6115390") or ("6122291") or ("6133875") or ("6133876") or ("6161138") or ("6172965") or ("6177903") or ("6181687") or ("6212230") or ("6232910") or ("6236662")).PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 14:25
S11 3	3	S105 and S112	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 14:11
S11 2	19	((("5365240") or ("5493691") or ("5519400") or ("5523758") or ("5586145") or ("5592177") or ("5594738") or ("5610907") or ("5675388") or ("5715236") or ("5748891") or ("5761197") or ("5812671") or ("5850422") or ("5886652") or ("5889767") or ("5903605") or ("5909491") or ("5920278")).PN.	USPAT	OR	OFF	2005/06/10 14:10
S11 1	39	((("3668639") or ("3678204") or ("3875524") or ("4232339") or ("4506267") or ("4574378") or ("4587494") or ("4644534") or ("4651152") or ("4672608") or ("4743906") or ("4763325") or ("4813057") or ("5134408") or ("5148174") or ("5153595") or ("5159343") or ("5307081") or ("5334975")).PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 14:08
S11 0	114	S108 and (modulation same (multiplex\$4 adding add combin\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 14:06
S10 9	114	S108 and (modulation same (multiplex\$4 adding add combin\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 14:00
S10 8	188	S106 and modulation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 14:00

## EAST Search History

S10 7	17	S106 and pam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 13:59
S10 6	248	S100 and S105	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 13:58
S10 5	2495	ultra near (wideband or (wide near2 band))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 13:58
S10 4	10	S102 and pam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 13:58
S10 3	3	S102 and (pulse near repetition) and pam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 13:56
S10 2	2942	S100 same clock same modulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 13:55
S10 1	34410	S100 same clock	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 13:55
S10 0	110927	frequency near6 divid\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 13:55



## EAST Search History

S99	75817	frequency near divid\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 13:54
S98	66832	frequency near divid\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 13:54
S97	2	("6603818").PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/10 13:54
S96	39	S95 and ultra and (slot or frame)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/13 17:57
S95	5054	S93 or S94	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/13 17:57
S94	2622	370/442,483,498,532,537,538,539, 540,541.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/13 17:56
S93	2460	375/130,135,146,268,279,295,300, 353.CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/13 17:56
S92	4	S91 and pulse	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/13 17:56
S91	4	S88 or S90	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/13 17:06
S90	2	("6735238").PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/13 17:06
S89	2	pulse and S88	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/13 17:06

## EAST Search History

S88	2	("6735734").PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/13 17:06
S86	7	mac and S85	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/13 17:05
S87	28	ultra same mac	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/13 16:45
S85	11	(US-5146616-\$ or US-6275544-\$ or US-6310865-\$ or US-6549567-\$ or US-6597683-\$ or US-6735238-\$ or US-6735734-\$ or US-6763032-\$ or US-6788730-\$ or US-4177510-\$). did. or (WO-200201735-\$).did.	USPAT; DERWENT	OR	OFF	2004/11/13 16:40
S84	0	medium and S82	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/13 16:33
S83	0	mac and S82	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/13 16:33
S82	2	("5146616").PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/13 16:32
S81	45	(tdm or tdma) and S75	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/13 16:32
S80	1	(media near control) and S78	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/13 16:14
S75	1116	ultra near (wideband or (wide near2 band))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/13 16:14
S79	9	mac and S78	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/13 16:13

## EAST Search History

S78	254	S76 and S77	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/13 16:09
S77	2388254	slot or frame or (time near division)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/13 16:08
S76	1205	uwb or S75	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/13 16:08
S74	16	S73 with (slot or frame)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/13 16:08
S73	2402	pulse with (ultra)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/13 16:05
S72	13	hughes.as. and (ultra near wideband)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/13 16:04
S71	3	hughes.as. and (slot or frame) and (ultra near wide\$5)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/13 15:59
S70	73	hughes.as. and (slot or frame) and ultra	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/13 15:58
S69	24	(tdm or tdma) and (frame or slot) and (ultra near wide\$5)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/13 15:58
S68	25	tdm and (ultra near wide\$5)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/13 15:45
S67	325	tdm and ultra	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/13 15:44
S66	3	tdm and uwb	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/13 15:44

## EAST Search History

S65	6	sicom.as. and impulse	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/13 15:43
S64	0	sicom.as. and (ultra)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/13 15:42
S63	0	sicom.as. and uwb	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/13 15:42
S62	4	S58 and (wide near band)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/13 15:42
S61	28	S58 and wide	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/13 15:41
S60	0	S58 and ultra	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/13 15:41
S59	0	S58 and uwb	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/13 15:41
S58	56	((liebetreu near john) or (eric near bronbaugh) or (bruce near cochran) or (ronald near mccallister)).in.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/13 15:40
S57	1	(time or slot or frame) and S56	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/13 15:40
S55	2	(time or slot or frame) and S54	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 16:29
S56	2	("5146616").PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 16:28

## EAST Search History

S54	2	("6603818").PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 16:25
S53	13	uwb and tdma	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/12 16:24
S52	0	9/685,205	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/12 15:57
S51	4	uwb same (different with modulation)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/12 15:55
S50	4	uwb same (different with modulation)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 15:39
S49	87	S48 and (modulation with techniques)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 14:12
S48	238	(modulat\$4 same (slot or frame)) and mac and tdma	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/12 14:12
S47	656	(modulat\$4 same (slot or frame)) and mac	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/12 14:11
S46	2	(modulat\$4 same (slot or frame)) and ((ultra near wide) or ultrawide) and mac	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/12 14:11
S45	12	(ultra near wide) and tdma and modulation	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/12 14:03
S44	0	(ultra near wide) and tdma and mac and modulation	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/12 14:02
S43	48	S40 and tdma	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/12 14:01

## EAST Search History

S40	1043	wide same pulse same (frame or slot)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/12 13:46
S39	14	(ultra near wide) and tdma	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/12 13:46
S38	15	tdma and ((frame or slot) same ultra\$5) and mac	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/12 13:40
S34	0	tdma and ((frame or slot) with ultra\$5) and mac	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/12 13:38
S33	78	tdma and ((frame or slot) with modulation) and mac	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/12 13:31
S32	20	tdma and (frame or slot) and ultra\$5 and modulation and mac	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/12 13:27
S30	188	tdma and (frame or slot) and ultra\$5 and modulation	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/12 13:23
S29	69	S27 and S28	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/12 13:22
S28	252	ultra\$5 and tdma and modulation	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/12 11:00
S27	11913	(slot or frame) same modulation	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/12 11:00
S26	10366	(slot or frame) same modulation	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 11:00
S25	250	ultra\$5 and tdma and modulation	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 11:00

## EAST Search History

S24	3	ultra\$5 and S23	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 10:58
S23	36	((("6091717") or ("6094464") or ("6097707") or ("6178217") or ("6226277") or ("6243583") or ("6246377") or ("6246702") or ("6275500") or ("6275544") or ("6278713") or ("6285662") or ("6285873") or ("6347084") or ("6385461") or ("6449265") or ("6519460") or ("6539213"))).PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 10:55
S22	12	S21 and ultra\$5	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 10:55
S21	37	((("5677927") or ("5687169") or ("5687200") or ("5742592") or ("5790551") or ("5815537") or ("5832035") or ("5901172") or ("5909469") or ("5926501") or ("5940452") or ("5952956") or ("5953344") or ("5960000") or ("5970062") or ("5977822") or ("6014374") or ("6031862") or ("6055411"))).PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 10:49
S20	2	("5146616").PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 10:48
S19	7	S17 and ultra\$5	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 10:45
S18	7	S17 and ultra	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 10:42
S17	38	((("3678204") or ("3728632") or ("4201892") or ("4586177") or ("4641317") or ("4887266") or ("4979186") or ("5146616") or ("5253202") or ("5274271") or ("5307079") or ("5319218") or ("5355374") or ("5363108") or ("5473668") or ("5537414") or ("5546022") or ("5627829") or ("5644576"))).PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 10:42

## EAST Search History

S1	32	tdma with frame with mac	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 10:40
S16	27	(tdma ) and (ultra near wide\$5)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/10 18:33
S15	2	(tdma with frame) and (ultra near wide\$5)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/10 18:32
S14	1	S13 and ultra	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/10 18:31
S13	2	(US-6310865-\$ or US-6275544-\$). did.	USPAT	OR	OFF	2004/11/10 18:30
S12	0	tdma and S11	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/10 18:29
S11	2	("6603818").PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/10 18:29
S10	14	mac and S9	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/10 18:28
S9	251	(tdma with frame) same modulation	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/10 18:15
S7	5	(tdma with frame) same (different near modulation)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/10 18:15
S8	1683	mac near layer	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/10 18:13
S6	10	nec.as. and mac and modulation	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/10 18:13



## EAST Search History

S5	354	nec.as. and mac	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/10 18:10
S4	0	nec.as. and mac and modulation	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/10 18:09
S3	8	(ohki near masahiro).in.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/10 18:09
S2	14	(tdma with frame with mac) and modulation	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/10 17:36